

SCREENING OF PHAGE DISPLAYED PEPTIDES WITHOUT CLEARING OF THE CELL CULTURE

ABSTRACT OF THE DISCLOSURE

5 This invention provides methods for screening populations of phage-displayed polypeptides that are particularly well-suited for high-throughput screening. The methods do not require the clearing of cells from a culture used to obtain the population of phage or other replicable genetic packages. Accordingly, the invention provides methods for forming complexes between a replicable genetic package displaying a polypeptide fusion and a target molecule in an uncleared cell culture containing replicable genetic package. Compositions
10 made up of an uncleared cell culture containing replicable genetic packages displaying a polypeptide fusion and a target molecule are provided in the invention as well.